



TECHNICAL SPECIFICATION

Khorasan Electric Ind. Co



Cable 5 x 1.5 (N)YSLCY						
Cable Layer Construction		CU , PVC , Al-Pet , CWB , PVC				
Standard Matching		IEC 60227-7 , DIN VDE 0245				
R	Description		Unit	Specification		
1	Conductor	CU	Material	***	Plain Annealed Copper	
			Conductor Type	***	Flexible (Class 5) RF	
			Nominal Cross Section	L	mm ²	3 x 1.5
				N	mm ²	1 x 1.5
				PE	mm ²	1 x 1.5
			Number & diameter of wire	L	no * mm	30 x 0.24
				N	no * mm	30 x 0.24
PE	no * mm	30 x 0.24				
Shape	***	Round				
2	Insulation	PVC	Material	***	Extruded PVC	
			Thickness	L	mm	0.7
				N	mm	0.7
				PE	mm	0.7
Colour	PH: Black,Red,Yellow,EarthN:Blue					
3	Wrapping	AL-Pet	Material	***	Polyester Tape	
			Thickness	mm	0.036	
			Material	***	Aluminum	
			Thickness	mm	0.036	
4	Shield	CWB	Material	***	Annealed Copper	
			Number & diameter of wires	mm	24 x 6 x 0.12	
5	Outer Sheath	PVC	Material	***	Extruded PVC	
			Thickness	mm	1.2	
			Colour	****	Gray	
6	Approx. overall diameter of cable		mm	10.74		
7	Approx. Weight of cable		Kg /km	173		
8	Packing		****	Drum		
9	Rated Voltage U0 / U(Um)		V	300 / 500		
10	System Frequency		H z	50		
11	Max conductor resistance At 20° C		Ω/ K m	13.30		
12	Short circuit withstand current / time5s		K A	0.2		
13	Cable Voltage test		K V	2		
14	Max.Short circuit withstand current temperature		°C	+ 160		
15	Operation temperature		°C	-30 to +70		

(افشارشاد) KHORASAN ELECTRIC IND.CO 300 /500 (N)YSLCY 5x1.5 mm RF FLEXIBLE MADE IN IRAN CE